

Converting Colors

XYZ(32.9490, 32.8017, 32.1787)

Have a look what the booklet for
XYZ(32.9490, 32.8017, 32.1787)
contains.

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Color

**XYZ(32.9106, 32.7858,
32.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	AA9793
RGB	170, 151, 147
RGB Percent	67%, 59%, 58%
CMY	0.3333, 0.4078, 0.4235
CMYK	0.00, 0.11, 0.14, 0.33
HSL	10°, 12%, 62%
HSV	10°, 14%, 67%
XYZ	32.9106, 32.7858, 32.1975
YIQ	156.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

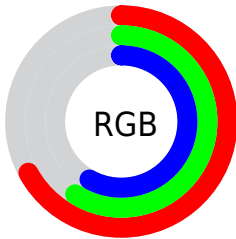
Format	Color
RYB	170, 152, 147
Decimal	11179923
CIELab	63.99, 6.33, 4.66
CIELCh	64, 7.864, 36.373
Yxy	32.7858, 0.3362, 0.3349
Android (android.graphics.Color)	4289370003 (0xFFAA9793)
YUV	156.2250, -4.5479, 12.0807
Hunter-Lab	57.2589, 2.3931, 6.7416

Details

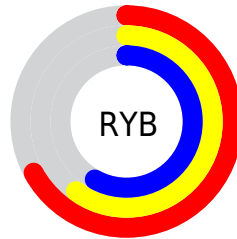
The XYZ color **32.9106, 32.7858, 32.1975** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9244, 36.3771, 43.3167**, and the grayscale version is **31.7168, 33.3686, 36.3384**.

A 20% lighter version of the original color is **63.4253, 63.8872, 64.2469**, and **14.1397, 13.8104, 12.9868** is the 20% darker color. If you saturate the color by 10%, you get **29.5474, 28.0386, 24.9742**, and if you desaturate by 10%, it is **36.7420, 38.1531, 40.5503**.

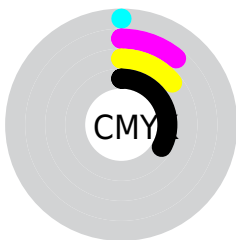
Distribution



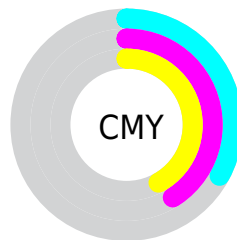
- Red (67%)
- Green (59%)
- Blue (58%)



- Red (67%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (33%)





- Cyan (33%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9106, 32.7858, 32.1975 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.9106, 32.7858, 32.1975 by changing the saturation by 10% instead.


 32.9106, 32.7858,
32.1975


 32.9106, 32.7858,
32.1975


306.9188,
314.6834, 326.5384

 22.2169, 21.9624,
21.2463


 63.5915, 64.0410,
64.2221

 14.1338, 13.8293,
13.1112


 84.3095, 85.2415,
86.1326

 8.2961, 8.0020,
7.3735

109.0995,
110.6699, 112.5332

 4.3384, 4.0962,
3.6148

138.3270,
140.7106, 143.8427

 1.8953, 1.7275,
1.4165

172.3573,
175.7479, 180.4793

 0.5741, 0.4414,
0.1545

211.5558,

 0.0000, 0.0000,

216.1662, 222.8618

0.0000

256.2879,
262.3499, 271.4086

■ 32.9106, 32.7858,
32.1975

■ 32.9106, 32.7858,
32.1975

■ 29.5474, 28.0386,
24.9742

■ 36.7420, 38.1531,
40.5503

■ 26.6316, 23.8848,
18.8297

■ 41.0558, 44.1573,
50.0761

■ 24.1449, 20.3024,
13.7127

■ 45.8692, 50.8199,
60.8186

■ 22.0667, 17.2660,
9.5670

■ 51.1975, 58.1602,
72.8186

■ 20.3746, 14.7487,
6.3305

■ 57.0555, 66.1966,
86.1151

■ 19.0440, 12.7210,
3.9344

■ 63.4573, 74.9468,
100.7454

■ 18.0474, 11.1502,
2.2997

■ 68.5941, 83.6989,
107.1480

■ 17.3529, 10.0000,
1.3322

■ 70.3877, 87.2861,
107.7458

■ 17.0316, 9.4539,
0.9271

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.3296, 32.7858, 35.0245



32.9106, 32.7858, 32.1975



32.0244, 32.7858, 30.3902

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.9106, 32.7858, 32.1975



29.2488, 32.7858, 33.3061



31.3992, 32.7858, 42.1180

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.9106, 32.7858, 32.1975



32.9244, 36.3771, 43.3167

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.3151, 32.7858, 41.5907



32.9106, 32.7858, 32.1975



29.0904, 32.7858, 36.3804

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.9106, 32.7858, 32.1975



29.9143, 32.7858, 31.0033



29.4763, 32.7858, 39.4438



32.4437, 32.7858, 40.8446

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.9106, 32.7858, 32.1975



31.2970, 32.7858, 29.9436



29.4763, 32.7858, 39.4438



31.0272, 32.7858, 42.1464

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.9115, 32.7873, 32.1982



66.2640, 68.6658, 72.6962



33.9099, 32.1732, 40.5797



14.6568, 15.1447, 15.9478



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.9115, 32.7873, 32.1982



57.9455, 56.9994, 54.5999



34.8235, 36.6113, 32.8355



7.6328, 7.7456, 7.8820



12.5583, 7.0139, 0.6919



0.3352, 0.2300, 0.0267

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.9244, 36.3771, 43.3167



57.9725, 64.6933, 78.4335



30.9547, 32.4377, 42.6601



7.6348, 8.3066, 9.6193



12.3165, 16.0931, 30.4326



0.3280, 0.4482, 0.7499

Previews

White Background



This preview shows how the XYZ color 32.9106, 32.7858, 32.1975 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.9106, 32.7858, 32.1975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

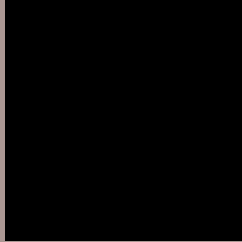
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9106, 32.7858, 32.1975

Background



This preview shows how black text looks on a background with the XYZ color 32.9106, 32.7858, 32.1975.



This preview shows how white text looks on a background with the XYZ color 32.9106, 32.7858,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

[32.9106](#), [32.7858](#), [32.1975](#)

Protanopia

[31.2785](#), [32.6521](#), [33.0877](#)

Deuteranopia

[33.4064](#), [32.8035](#), [32.1748](#)



Tritanopia

34.1937, 32.8388, 38.2545

Trichromacy



Original Color

32.9106, 32.7858, 32.1975

Protanomaly

31.8408, 32.7071, 32.6519

Deuteranomaly

33.1861, 32.6899, 32.1645

Tritanomaly

33.7017, 32.8709, 36.0209

Monochromacy



Original Color

32.9106, 32.7858, 32.1975

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0033, 32.9882, 34.8176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9106, 32.7858, 32.1975 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 151, 147)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 147)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 151, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.9106, 32.7858, 32.1975 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 151, 147) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(170, 151, 147) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(170, 151, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 147);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9106, 32.7858, 32.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 151, 147) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170,  
151, 147) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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